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1140668-0025

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No: 7,117,049 B2  
Issued: October 3, 2006  
Name of Patentee: Horn et al.  
Title of Invention: Industrial Controller Based on Distributable Technology Objects  
Serial No.: 09/896,776  
Examiner: Thomas Pham  
Art Unit: 2121

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8	
I hereby certify that this paper is being deposited with the United States Postal Service as first class mail on the date indicated below in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.	
Andrew Fessak	48,528
Agent Name	PTO Reg. No.
<i>Andrew Fessak</i>	<i>13 Oct 2006</i>
Signature	Date of Signature

Certificates of Correction Branch  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE [37 C.F.R. §1.322(a)]

1. It is noted that printing errors appear in the referenced patent which are attributable to the Office.
2. The location where the error(s) is/are shown correctly in the application file is:

**Certificate**  
OCT 19 2006  
**of Correction**

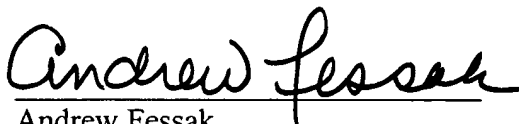
OCT 19 2006

Column and Line Number of Issued Patent	Location in Application File Where the Error is Shown Correctly
<b>Title page, Assignee at INID Code (73)</b> Assignee name should read: "Siemens Aktiengesellschaft".	Form PTOL-85, Issue Fee Transmittal, filed Aug. 24, 2006
<b>Title page, References Cited, at INID Code (56)</b> Under "Other Publications", add: "Object-Oriented Software Components and Containers, Process/Industrial Instruments and Controls Handbook, pp. 3.24-3.25, 1999."	Applicants' Form PTO/SB/08B initialed by the Examiner on Apr. 9, 2004.

3. Attached is a copy of Form PTO/SB/44 (also Form PTO-1050).
4. Please send the Certificate to the undersigned Agent.
5. Patentees request that the issuance of a Certificate of Correction be expedited in accordance with the PTO's policy for expediting issuance of Certificates of Correction, as outlined in the PTO notice, issued August 21, 2002 entitled "Expedited Issuance of Certificates of Correction when the Error is Attributable to the United States Patent and Trademark Office". In support of the requested correction, Patentees are attaching copies of the relevant pages from the application file with this Request.
6. No fee should be due in connection with this communication. However, if a fee is deemed to be due, the Commissioner is authorized to charge such fee to Deposit Account No. 23-703.

Dated: Oct. 13, 2006

Respectfully submitted,

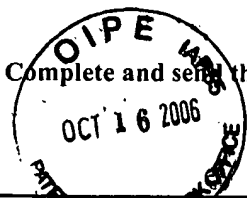


Andrew Fessak  
Reg. No. 48,528  
Customer No. 007470  
Direct Line: (212) 819-8437

Enclosures

Form PTOL-85, Issue Fee Transmittal, filed Aug. 24, 2006  
Applicants' Form PTO/SB/08B initialed by the Examiner on Apr. 9, 2004.

OCT 19 2006



## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All other correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

007470 7590 05/30/2006

WHITE & CASE LLP  
PATENT DEPARTMENT  
1155 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Scott T. Weingaertner (Depositor's name)  
*[Signature]* (Signature)  
August 24, 2006 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/896,776	06/29/2001	Wolfgang Horn	00 P 14945 US	8889

TITLE OF INVENTION: INDUSTRIAL CONTROLLER BASED ON DISTRIBUTABLE TECHNOLOGY OBJECTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/30/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
PHAM, THOMAS K	2121	700-086000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

White & Case LLP

2

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 2.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SIEMENS AKTIENGESELLSCHAFT

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

MUNICH, GERMANY

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 4 (four)

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the any deficiency Deposit Account Number 23-1703 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *[Signature]*  
Typed or printed name Scott T. Weingaertner

Date August 24, 2006  
Registration No. 37,756

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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OCT 10 2006



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/896,776	
			Filing Date	June 29, 2001	
			First Named Inventor	Wolfgang Horn	
			Art Unit	2121	
			Examiner Name	Thomas K. Pham	
Sheet	2	of	2	Attorney Docket Number	2000P14945US//1140668-0025

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TP		Object-Oriented Software Components and Containers, Process/Industrial Instruments and Controls Handbook, pp. 3.24-3.25, 1999.	X
TP		Controllers, Process/Industrial Instruments and Controls Handbook, pp. 3.43-3.45, 1999	X
TP		Function Blocks Defined by Foundation Fieldbus Specification, Process/Industrial Instruments and Controls Handbook, p. 11.23, 1999	X

Examiner Signature	<i>Thpham</i>	Date Considered	4/9/04
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,117,049 B2

APPLICATION NO.: 09/896,776

ISSUE DATE: : October 3, 2006

INVENTOR(S) : Horn et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, Assignee at INID Code (73):

Assignee name should read: "Siemens Aktiengesellschaft"

Title page, References Cited, at INID Code (56)

Under "Other Publications", add:

"Object-Oriented Software Components and Containers, Process/Industrial Instruments and Controls Handbook, pp. 3.24-3.25, 1999."

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Andrew Fessak  
White & Case LLP  
1155 Avenue of the Americas  
New York, NY 10036

OCT 19 2006

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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www.USCourtForms.com